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Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS
See MPEP chapter 600 concerning utility patent application contents

Attorney Docket No. 4775-00006 Total Pages 37

First Named Inventor or Application Identifier

Katsuyuki Nakano

Express Mail Label No. EV383667376US

1. Fee Transmittal Form
(Submit an original, and a duplicate for fee processing)

2. Specification [Total Pages 26]
(preferred arrangement set forth below)

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3. Drawing(s) (35 USC 113) [Total Sheets 5]

4. Oath or Declaration [Total Pages 3]
a. Newly executed (original or copy)
b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed)
[Note Box 5 below]

i. DELETION OF INVENTOR(S)
Signed statement attached deleting
inventor(s) named in the prior
application, see 37 CFR 1.63(d)(2) and
1.33(b).

5. Incorporation By Reference (useable if Box 4b is checked). The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:
 Continuation Divisional Continuation-in-part (CIP) of prior application No.:

18. CORRESPONDENCE ADDRESS

NAME	Joseph J. Jochman; Reg. No. 25,058 ANDRUS, SCEALES, STARKE & SAWALL, LLP			
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CERTIFICATE OF EXPRESS MAIL

This is to certify that this correspondence is being deposited with the United States Postal Service as EXPRESS MAIL POST OFFICE TO ADDRESSEE in an envelope addressed to Commissioner of Patents and Trademarks, Washington D.C., 20231 on February 23, 2004. The Express Label is EV383667376US.

Barbara A. Johnson

Name

February 23, 2004

Date

Barbara A. Johnson

Signature

2-23-04

Date



022304

PTO/SB/17
 (10/97)

FEE TRANSMITTAL

Total Amount of Payment (\$ 385.00)

COMPLETE IF KNOWN

Application Number	
Filing Date	12/12/2003
First Named Inventor	Eric A. Davis
Group Art Unit	
Examiner Name	

Attorney Docket Number 4476-00011

METHOD OF PAYMENT (check one)

The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number 01.2000

Deposit Account Name Andrus, Sceales, Starke & Sawall, LLP

Charge any additional fee required under 37 CFR 1.16 and 1.17 Charge the Issue Fee set in 37 CFR 1.18 at the Mailing Of the Notice of Allowance, 37 CFR 1.311(b)

3. Payment Enclosed:

Check Money Order Other

FEE CALCULATION (fees effective 10/01/97)

1. **Filing Fee**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee	Fee	Fee	Fee
101	750	201	375	Utility filing fee	\$385
106	310	206	155	Design filing fee	
107	480	207	240	Plant filing fee	
108	790	208	395	Reissue filing fee	
114	150	214	75	Provisional filing fee	

SUBTOTAL (1) (\$ 385.00)

2. **Claims**

Extra Fee from below

Total claims 13 -20= 0 X =

Independent 2 - 3 = 0 X =

Claims

Multiple Dependent Claims: \$140

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee	Fee	Description
103	18	203	9	Claims in excess of 20
102	78	202	39	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim
109	82	209	41	Reissue independent claims over original patent
110	22	210	11	Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

(\$ 88.00)

FEE CALCULATION (continued)

2. **Additional Fees**

Large Entity Small Entity

Fee Code (\$)	Fee Code (\$)	Fee	Fee	Description	Fee Paid
105	130	205	65	Surcharge-late filing fee or oath	
127	50	227	25	Surcharge-late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for response within first month	
116	400	216	200	Extension for response within second month	
117	950	217	475	Extension for response within third month	
118	1,510	218	755	Extension for response within fourth month	
128	2,060	228	1,030	Extension for response within fifth month	
119	310	219	155	Notice of appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive unavoidably abandoned application	
141	1,320	241	660	Petition to revive unintentionally abandoned application	
142	1,320	242	660	Utility issue fee (or reissue)	
143	450	243	225	Design issue fee	
144	670	244	335	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Statement	
581	40	581	40	Recording each patent assignment per property (times number of properties)	
146	790	246	395	Filing a submission after final rejection (37 CFR 1.129(a))	
149	790	249	395	For each additional invention to be examined (37 CFR 1.129(b))	

Other fee (specify)

Other fee (specify)

SUBTOTAL (3) (\$ 0)

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

COMPLETE (if applicable)

Type or Printed name Joseph J. Jochman
 Andrus, Sceales, Starke & Sawall, LLP

Registration Number 25,058

Signature

Date 2/23/2004

Deposit Account User ID